

**Date:** 17/08/2020

# **GC/MS Analysis Laboratory Report**

**Product Name: Lemon Grass Oil**

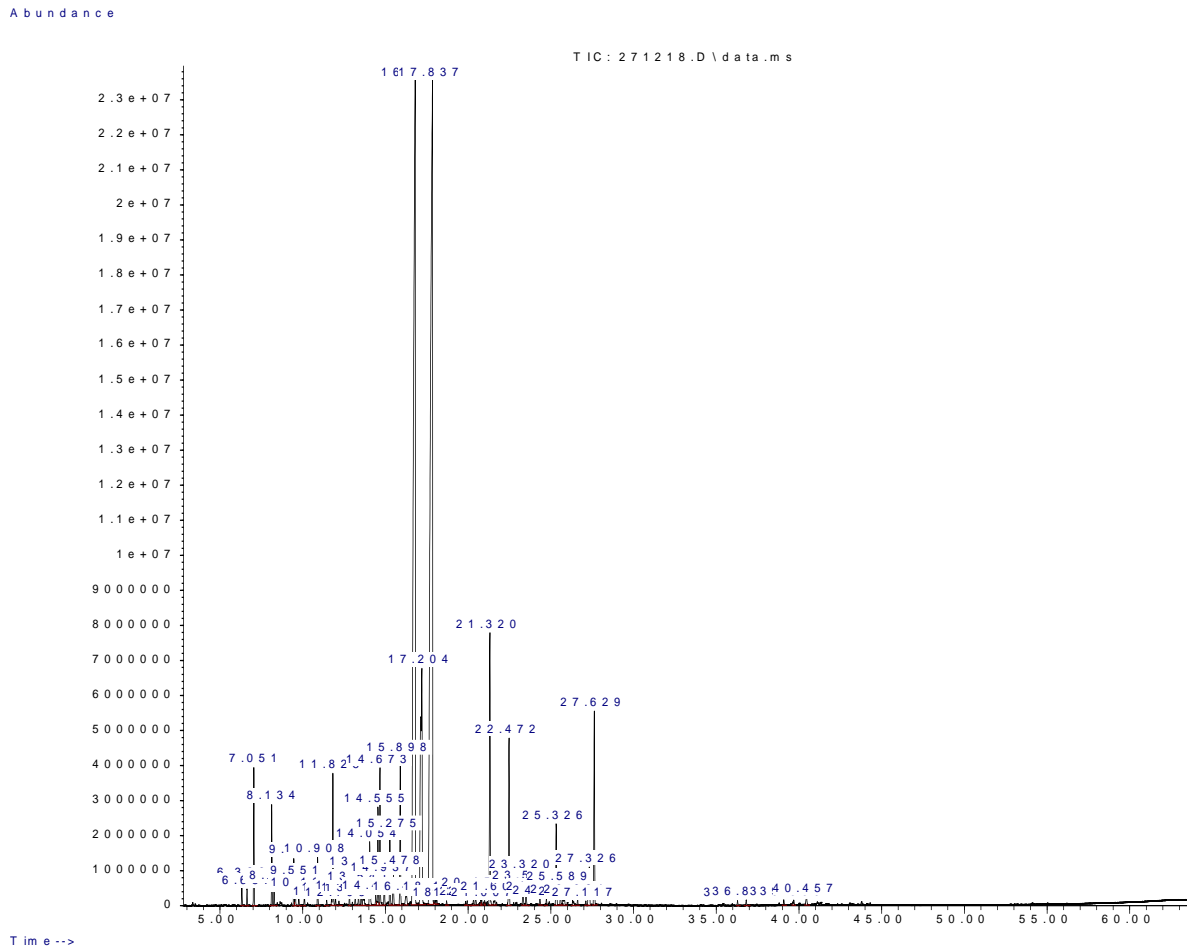
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## GCMS ANALYSIS

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*Due to volume turnover, this report is not lot specific. It is representation of the quality of this oil produced by the manufacturer of this product. Specific lots may vary slightly as this is the case in natural products.*

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PK	RT	Area %	Library/ID	CAS
1	6.3233	0.2455	Tricyclene \$\$ Tricyclo[2.2.1.0 <sup>2,6</sup> ]heptane, 1,7,7-trimethyl-	000508-32-7
2	6.6374	0.1648	Pinene <alpha> \$\$ Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	000080-56-8
3	7.0509	1.4367	Camphene	000079-92-5
4	8.1335	1.0353	Hept-5-en-2-one <6-methyl->	000110-93-0
5	8.2733	0.2301	.beta.-Myrcene	000123-35-3
6	9.4679	0.5226	D-Limonene	005989-27-5
7	9.5511	0.3071	Eucalyptol	000470-82-6
8	9.7655	0.1354	trans-.beta.-Ocimene	003779-61-1
9	10.1061	0.1561	Ocimene <(E)-, beta-> \$\$ 1,3,6-Octatriene, 3,7-dimethyl-, (3E)-	003779-61-1
10	10.9082	0.5411	4-Nonanone	004485-09-0
11	11.4543	0.0627	Terpinolene \$\$ Cyclohexene, 1-methyl-4-(1-methylethylidene)-	000586-62-9
12	11.8281	1.602	Linalool	78-70-6
13	11.9839	0.1128	photocitral B	006040-45-5
14	12.1949	0.0708	Propanal, 3-cyclohexylidene-2-methyl-	053155-83-2
15	12.8281	0.1323	Ocimene <neo-allo-> \$\$ 2,4,6-Octatriene, 2,6-dimethyl-	003016-19-1
16	13.1785	0.1162	epiphotocitral A	1000365-93-8
17	13.3759	0.1314	6-Octenal, 7-methyl-3-methylene-	055050-40-3

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18	13.541	0.2454	photocitral A	055253-28-6
19	13.6542	0.5204	Citronellal	000106-23-0
20	14.0538	0.9622	Isoneral	1000414-18-0
21	14.4192	0.1475	Rose furan oxide \$\$ Furan, 2-[(3,3-dimethyloxiranyl)methyl]-3-methyl-	092356-06-4
22	14.5554	1.2524	(-)-trans-Isopiperitenol	074410-00-7
23	14.6733	1.7644	Isogeranial	055722-59-3
24	14.9368	0.3891	Terpineol	1000411-59-6
25	15.2754	0.9468	(-)-trans-Isopiperitenol	074410-00-7
26	15.4782	0.5738	Carveol	001197-06-4
27	15.898	2.0159	(-)-cis-Isopiperitenol	096555-02-1
28	16.2713	0.2908	Citronellol	000106-22-9
29	16.7955	28.9161	(Z)-citral	000106-26-3
30	17.2043	7.4489	Geraniol	000106-24-1
31	17.8367	33.7886	Citral	005392-40-5
32	18.0172	0.0749	2,6-Octadienal, 3,7-dimethyl-, (Z)-	000106-26-3
33	18.1022	0.1042	1-Octene, 3,3-dimethyl-	074511-51-6
34	18.701	0.0469	2,6-Octadien-1-ol, 2,7-dimethyl-	022410-74-8
35	19.853	0.0508	Cyclohexanone, 2-methylene-5-(1-methylethyl)-	015297-07-1

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36	19.9469	0.0633	2-Cyclohexen-1-one, 3-methyl-6-(1-methylethylidene)-	000491-09-8
37	20.3279	0.105	2-Octene, 2-methyl-6-methylene-	010054-09-8
38	20.4577	0.1847	Eugenol \$\$ Phenol, 2-methoxy-4-(2-propenyl)-	000097-53-0
39	20.7584	0.0677	Cyclosativene \$\$ 1,2,4-Metheno-1H-indene,octahydro-1,7a-dimethyl-5-(1-methylethyl)-, (1alpha,2alpha,3abeta,4,5alpha,7abeta,8S*)-	030541-92-5
40	20.8246	0.0756	Cyclosativene \$\$ 1,2,4-Metheno-1H-indene,octahydro-1,7a-dimethyl-5-(1-methylethyl)-, (1alpha,2alpha,3abeta,4,5alpha,7abeta,8S*)-	030541-92-5
41	21.0065	0.0571	3-Oxatricyclo[3.2.1.0(2,4)]octane, (1.alpha.,2.beta.,4.beta.,5.alpha.)-	003146-39-2
42	21.3197	3.6052	Geranyl acetate	000105-87-3
43	21.6008	0.1811	Cyclohexane, 1-ethenyl-1-methyl-2,4-bis(1-methylethenyl)-, [1S-(1.alpha.,2.beta.,4.beta.)]-	000515-13-9
44	22.4723	2.2534	Caryophyllene <(E)->	013877-93-5
45	23.3204	0.448	Isoeugenol \$\$ Phenol, 2-methoxy-4-(1-propenyl)-	000097-54-1
46	23.5062	0.2998	Humulene <alpha-> \$\$ 1,4,8-Cycloundecatriene, 2,6,6,9-tetramethyl-, (1E,4E,8E)-	006753-98-6
47	24.3422	0.1419	Germacrene D \$\$ 1,6-Cyclodecadiene, 1-methyl-5-methylene-8-(1-methylethyl)-, (1E,6E)-	105453-16-5
48	24.7354	0.1051	Amorphene <gamma-> \$\$ Naphthalene, 1,2,3,4,4a,5,6,8a-octahydro-7-methyl-4-methylene-1-(1-methylethyl)-, (1S,4aR,8aS)-	006980-46-7
49	25.3255	1.2698	Cadinene <gamma-> \$\$ Naphthalene, 1,2,3,4,4a,5,6,8a-octahydro-7-methyl-4-methylene-1-(1-methylethyl)-	038357-83-4
50	25.5886	0.2629	Cadinene <delta-> \$\$ Naphthalene, 1,2,3,5,6,8a-hexahydro-4,7-dimethyl-1-(1-methylethyl)-	016729-01-4
51	25.8181	0.2349	Bisabolene <(Z)-, gamma-> \$\$ Cyclohexene, 4-(1,5-dimethyl-4-hexenylidene)-1-methyl-, (4Z)-	013062-00-5

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52	26.3255	0.1312	Cyclohexanemethanol, 4-ethenyl-.alpha.,.alpha.,4-trimethyl-3-(1-methylethenyl)-, [1R-(1.alpha.,3.alpha.,4.beta.)]-	000639-99-6
53	26.6211	0.0858	Lavandulyl isobutyrate	051117-20-5
54	27.1174	0.055	Tricyclo[5.2.1.0(2,6)]dec-4-ene, 4-methyl-	1000150-03-0
55	27.3264	0.6876	Caryophyllene oxide	001139-30-6
56	27.6293	2.6303	Phthalate <diethyl->	000084-66-2
57	36.2906	0.0596	2,6,11,15-Tetramethyl-hexadeca-2,6,8,10,14-pentaene	038259-79-9
58	36.8139	0.0809	2,6,11,15-Tetramethyl-hexadeca-2,6,8,10,14-pentaene	038259-79-9
59	39.0894	0.0809	Phenol, 2-(2-methyl-2-propenyl)-	020944-88-1
60	39.6889	0.1113	2-Octene, 2-methyl-6-methylene-	010054-09-8
61	40.4569	0.1799	2,6,11,15-Tetramethyl-hexadeca-2,6,8,10,14-pentaene	038259-79-9

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